BOSTON AND NEW YORK

BOSTON COPPER RANGE.

BOSTON CURB CLOSE.

NEW YORK CURB RANGE.

300 7.00 7.00 7.00 400 18.75 18.75 18.75

3000 10.50 10.25

NEW YORK LISTED STOCKS.

NEW YORK CURB CLOSE.

Andes

Chollar Con. C. & V... Con. Imperial. Gould & Cur. Hale & Nor.. Kentuck Con..

Sales High. | Low. | Close

700 42.00 41.121 42.00

600 18.371 18.121 18.25

Bid. |Asked.

Mexican1.022 Occidental ...30 Ophir1.10 Overman ...1.00

20 Savage

.13 Mexican

NEW YORK MINING STOCKS.

BOSTON MINING STOCKS.

35.00 | Mohawk . 60.00 | Nev. Con.

Bid. | Asked.

Mines and Mining Stocks

LATEST BAGHOUSE DOES GOOD WORK

Plant at Kennett Is Built on Utah.

Where the control of the con

Copies Marshall's Decree. This decree is copied almost word for word in the decree entered last week by Judge Morrow in the United

States circuit court in San Francisco in the case of the Shasta county farmers against the Mammoth Copper The baghouse is divided into five

compartments. A ventilator shaft rises from each bag. One compartment may be shut off for repairs, while the other four are in operation. Suspended from bars clossing what might be called the ceiling of the baghouse are 2,000 woolen bags cost-

ing \$30,000. Each bag is thirty feet long and eighteen inches in diameter. The mouth of each bag fits over a pipe that feeds the smoke to it. If the material used in making these bags were spread over a flat surface It would cover eight acres. This eight acres of filtering area is the essential

Nine hundred tons of steel were used. That is more steel than entered into the construction of the smelter itself and the long machine shops. making the battery of steel pipe. And all this construction work was done in less than three months.

CENTENNIAL TUNNEL IS NEARING GREAT LEDGE

The face of the Ely Centennial Copper company's tunnel, at close to 1,000 feet from the portal, is in black lime-stone—the formation which in the upper workings is the footwall of the ledge. The tunnel has recently passed through a number of slips which are heavily stained with iron and copper. This condition leads mining men to believe that the ore vein is close at hand-that the opening of ore is only a matter of pushing through the black

SMELTING BUSINESS LIGHT IN COLORADO

New York, July 9.—While the earnings of the American Smelting & Refining company are running considerably in excess of dividend requirements, the company has suffered a falling off in business in line with other branches of trade. Four of the Western Nevada company's seven smelters in Colorado are in operation.

Mining conditions in Colorado cannot be called encouraging; for some time past shipments of ore have averaged below \$8 a ton. The Denver & Rio Grande recently made a reduction in freight rates in order to help out

+++++++++++++++++++++++ ORES AND BULLION.

Smelter settlements yesterday, reported by McCornick & Co.: Ores, \$550,000; bullion, \$150,000. Total for the week, \$940,000. Silver was quoted at 55%c; cop-per, 12%c; lead, \$4.40.

If its for the office Breeden has it

Desks with Vertical Files

How often you have wished for more pigeon hole room in your desk. and also wished you didn't have to fold your papers for filing. We come to your relief offering a deak with vertical files built in. Unlimited capacity and all papers filed away in their original flat shape. Instant access.

See Them

Breeden Office SupplyCo. 60 W. 2nd. 50.

	D14	Asked.
The state of the s		
Ajax	.35	2.55
Allen		.03
Beck Tunnel	.02	.01
Big Hill	0.49	.09
Bingham Amai	081	.084
Bonnie Brier	.002	
Bullock		.00 %
Camp Rird		.00%
Camp Bird	.40	5.2
Cedar-Talisman	.081	.091
Cedar-Talisman Century Colorado Mining Columbus Con	******	.10
Colorado Mining	.375	.393
Columbus Con	. 45	.50
Con, Mercur	******	.12
Crown Point	2 05	.013
Columbus Con Con, Mercur Crown Point Daly-Judge Dragon Iron Eagle & Blue Bell	3.35	.14
Dragon Iron	. 20	.80
Eagle's Nest	06	
Engle a west	001	0.03
East Tintic Con	.009	.01
East Tintic Dev	.003	.015
East Tintle Con East Tintle Dev East Tintle G. Kg Grand Central		.001
Grand Central	1.25	1.45
Ibex Gold	******	
Indian Queen	.003	.01
Indian Queen		.02
Int Pot & till	* * * * * * *	1.00
Inyo Gold	*****	.01
Iron Hat	*****	.18
Iron King	0.01	
Iron Hat Iron King Joe Bowers Keystone		.12
King David		.08
King William	.05	· contract
King David King William Lehi Tintic Little Bell Lion Hill Lower Mammoth Mason Valley May Day McKinley Miller Hill Mountain Lake	,005	.023
Little Bell	1.10	1.25
Lion Hill	******	.05
Lower Mammoth	18	.20
Mason Valley	6.50	7.00
May Day	.012	.015
McKinley		.01
Miller Hill	0.6	.07
Modification Extension		.013
Namada Hilla	1.95	2.00
New York Ohlo Copper Opohongo	.021	.06
		1.77%
Opohongo Palmer Oil	1.20	.18
77-7	1 20	1 2 - 45 19
Prince Con Provo Red Warrior Richmond & Anaconda	.023	
Prince Con	.70	011
Provo	1 77	
Red Warrior	1.10	1 10
Richmond & Anaconda	.02	1
Sacramento	100	013
Schwah		.011
	.063	.074
Silver King	2 10	2.25
Sloux Con	.25	254
South Columbus	.09	.10
South Iron Blossom	.001	
Swansea Con	J !	.03
Tintic Central	.091	000
Tintic Combination		1 .007
Tintle Empire	. 244	
Tincle Sam		2 2 2 2
United Mercur	014	
What Con	021	1 04
Victor Con	1.00	1.50
Victoria	4 4 4 4 4	1 00

Yesterday's Sales. Beck Tunnel, 200 at 2c; 500 at 2%c,

Ouver sixty days.
Cedar-Tailsman, 1,000 at 8%c.
Crown Point, 400 at 7%c.
Iron Blossom, 200 at 7%c.
Lower Mammoth, 200 at 19%c; 4,000

May Day, 2.000 at 2c.
May Day, 2.000 at 2c.
Nevada Hills, 300 at \$1.97\frac{1}{2}.
Sloux Con., 500 at 25c.
Uncle Sam, 1,500 at 24\frac{1}{2}c.
Utah Con., 1,200 at 2c. Open Board. Columbus, 100 at 45c; 100 at 44c; 100

at 43c.

Iron Blossom, 100 at 78c.

Provo, 2,000 at 1½c.

Tintic Central, 1,000 at 9½c.

Shareg sold, 18,700.

Selling value, \$4,767.25.

Week's totals, 198,563 shares, selling at \$65,669.36.

UNLISTED STOCKS.

Opex held most of its regained strength on Saturday's quiet market, with sales of 1,200 shares at 29½ to 40 cents. Bingham Copper brought 20 cents for 500 shares and a 100-share lot of Utah mine changed hands at 75 cents. Closing quotations:

tah Mine

ORE AT SAMPLERS. Four carloads of ore from Nevada and three carloads from Utah mines were released yesterday by the Utah Ore Sampling company.

of ore for shipment will be begun. Largest Hoisting Plant.

The Giroux's permanent hoisting plant is the largest in the Ely distrist—perhaps the largest known to the copper mining world. The two engines have behind them eight horizontal tubular bollers, each of 150 horsepower. One of the engines will handle two five-ton skips, the other will handle the timber cage and drive the pumps. The concrete foundations for the boilers are being laid. The present wooden gallows frame will be supent wooden gallows frame will be supplanted by a steel head frame, seventy-five feet high, which is on the ground. It will be put in place without interfering with the shaft work or the driving of the crosscut.

It is understood that the management has laid plans for sinking in Rickard Ely ground the counterpart of the Giroux five-compartment shaft.

of the Giroux five-compartment shaft. Survey for the new shaft has already been made, as well as for railroad tracks leading to it.

roux a big mine, it is only a part of Ray Cent. the reserves which have been blocked Insp. out. The company's Old Glory mine Miami . . . is in limestone, while the Morris and Glia the two Brooks shafts are in porphyry. The exploratory work done
through those shafts has been supplemented by churn drill work, which is
said to have been wholly satisfactory

Massey V. said to have been wholly satisfactory Mason V. to the management.

Work done in the porphyry has dem- Keystone onstrated ore bodies of size and values Mays Oil to warrant steam shovel production, but whether steam shovels will be used or whether the caving system will be never here. Stone Mays Oil . 3500 Gr.-Can. . 600 or whether the caving system will be never here. 10000 Nev. Hills . 10000 employed has not yet been announced

COMPANY TO EXPLOIT KIDDER CONCENTRATOR Utah Cop.

Local interests have formed the Utah Sand Storm Dry Concentrator company, with George H. Gould vice president and manager, to manufacture the Sand with George H. Gould vice president and manager, to manufacture the Sand Storm separator, the invention of George C. Kidder of this city. The company has in course of construction a working model of the machine, with the promise that it will be ready for operation in about two weeks.

The machine utilizes to the last degree, in the concentrating of ores, specific gravity and atmospheric resistance. It is a "dry" concentrator in all that the term implies. With a crude machine, built by himself, merely to liustrate the principle employed, Mr. Kidder has filled with wonder every milling expert who has seen it operated. The crude machine appears to indicate that Mr. Kidder has found the secret of harnessing for the purpose of ore separation, the cheapest medianir. It makes a clean separation of the metals from the gangue, with apparently no complications that will prevent its use in a commercial way to distinct advantage over any wet process, particularly in localities where a plentiful supply of water is difficult to obtain.

The trying out of the perfected machine will exceeding the formula of the inventor of the perfected machine will exceed the inventor of the inventor of the perfected machine will exceed the inventor of the inventor of the perfect o

The trying out of the perfected machine will, accordingly, arouse a great deal of interest among mining men.

Superior & Fittsburg ...
Tri-Bullion
Tonopah Extension ...
United Copper

HOLDS WILDCAT LAW VALID United R. Co.......

Nevada Supreme Court Sustains Fa- Revada Hills mous Enactment.

mous Enactment.

A decision sust.ining the so-called "wildcat" law of Nevada has been handed down by the supreme court of Nevada. The test case upon which the decision was rendered was that of R. C. Moore against the Manhattan Verde company, upon a writ of mandamus compelling the officials of the company to stamp its stock certificates with the words "treasury stock" and "promotion stock."

The court in its ruling defines trees.

The court in its ruling defines treasury stock as "stock set aside for the actual development of a property. Promotion stock is stock issued to those originally owning the property to deed to the company their holdings or for those forming the company for services rendered."

READY FOR SINKING

MINES GOLD IN COSTA RICA.

S. E. Robbins, manager of the Pozo Azul Gold Mining company, operating on the west coast of Costa Rica, has arrived in this city for a month's visit with his family, after an ebsence of two years in the southern country. The Pozo Azul company operates a tenstamp mill, which makes an excellent saving from gold ore averaging about \$15 a ton. Mr. Robbins is pleased with conditions in Costa Rica and at the mine. He will return to his duties about August 1.

The work of retimbering a portion of the shaft at the Victoria mine in the Victoria mine in the Victoria mine in the Cutting of a station at the 500-foot level as rapidly as the work can be handled. The Box. & Cor. 11.75 Old Domin. 32.50 Butte Coal. & Ariz. 4.90 Parrot. 12.25 Cal. & Ariz. 4.90 Parrot. 12.25 Cal.

COPPER SHARE MARKETS Badger Bros., brokers, furnish the following, received over their private

SAN FRANCISCO MINING STOCKS. Badger Brothers, brokers, furnish the following, received over their private

23		Bid.	Asked.
-1	Montana Tonopah MacNamara		.98
П	MacNamara		.33
П	Midway		. 25
и	Tonopah Belmont		4.00
-	West End Con	.54	. 56
	Jim Butler	26	.28
1	Goldfield Con	8 95	9.00
2	Sandstorm		.04
6	Columbia Mountain		.06
	Jumbo Extension	. 24	.26
4	Combination Fraction	.53	.54
31	Booth	12	
3	Blue Bull	0.4	.13
	Bille Bull	06	.08
н	Silver Pick		2.20
	Florence	2.179	0.20
-	Dalsy	05	.06
- 9	Kewanos		
н	Red Hills		
=	Oro	.08	1.03
	Atlanta	.11	.12
9	Atlanta	.02	01
à	D'fleld Con. B. B	4 401	1.15
à	Ophir	1.129	
E3-129-129-428	Mexican	1.05	-
Œ.	Gould & Curry		
ш	Con. Va		
	Savage		.17
	Chollar		.21 .75 .26 .35
3	Confidence	*****	. 10
ė,	Sierra Nevada	. 25	.26
	Union	.34	.30
4	St. Ives	.13	
à	Lone Star	.02	
	C. O. D	.07	*****
	Yellow Tiger	*****	.06
9	Bonnie Clare	.68	*****
h	Mayflower Con	.03	.04
а	Montgomery Mountain .	*****	.01
	Tramp Con	.03	.05
-	Yellow Tiger Bonnie Clare Mayflower Con. Montgomery Mountain Tramp Con. Manhattan Con. Dexter	*****	.05
	Dexter	*****	.70
	Dittehure Silver Peak	. 60	
-	Nevada Hills	1.97	2.02
-	Eagle's Nest	*****	.08
	R. H. Coalition	.15	.17
	Merger	*****	.11
	Round Mountain	.44	.45
	North Star	.05	

SAN FRANCISCO OIL STOCKS.

			Bid.	Asked.
American Tobacco 410.00 420.	.00	THE PARTY OF THE P		
Bay State Gas	623	Alma	1.00	1.30
Boston Con 17.00 20.	.00	Amy		16.00
	.00	Apollo	44 00	45.00
Butte Coalition 17.00 17.	. 50	Associated Oil	94.00	
	.25	Bay City	2.30	
	.00	Blue Moon	19.00	1 00
	. 50	Brookshire	*****	1.20
Dominion Copper02 .	.05	Brookshire California Midway	.00	.01
	.00	California Oil & Gas Claremont	*2 * 12 *	. 99
First National Copper. 3.00 3.	124	Claremont	1.45	1.60
Goldfield Daisy05 .	06 1	Conlinera Contral	B 10 10 10 10 10 10	- 44
Goldfield Florence 2.00 2.	95	Croscons		.60
	.25	Do Luxo	100.00	1110.00
Guggenneim Exploration 185.	0.0	Empire	Selection .	2.50
	.121	Enos	1.375	22.25
La Rose 4.00 4.	25	Graciosa	****	50.00
Mines of America	.62	Illinois Crude	.50	.55
Montgomery Snoshone	50	Tunetion		. 75
Nevada Utah561 .	621	Mascot	*****	2.20
San Toy 25.00 32.	.00	Monto Cristo	8.20	****
South Utah 1.25 1.	.50	Nevada Midway	. 23	.28
Standard Mining 12.00 15.	.00	New Penn Petroleum	1.00	1.20
Standard Preferred 44.00 47.		Pac States Petroleum		.40
Standard Oil		Palmer	1.17	1.29
Superior & Pittsburg 9.75 10.		Peerless	4.50	0.20
Tri-Bullion		Promier	.90	.95
Tonopah Extension70	.80	Republic	.45	
United Copper 4.50 4.	.75	Sauce Dones		1.85
United Copper Preferred 15.00 16.	.00	Silver Tip	2.25	2.30
United R. Co 7.00 10.	.00	Sovereign		.17
Yukon Gold 3.932 4.	.063	S. W. & B:	.45	.50
Braden 3 . 621 3.	.871	Sterling	.02	****
Nevada Hills 1.99		Turner	1.40	1.50
Palmer Oll 1.20 1.	.35	Wabash	1.00	
THE RESIDENCE OF THE PERSON NAMED IN COLUMN 2 IN COLUM	-	WWW - I I	241	The state of the least
	365	W. K. Oil Co	2.10	3.50
SAN FRANCISCO MINING STOCKS	S.	W. K. OH Co		35
San Francisco, July 9 The office	cial	Yellowstone		100
closing quotations for mining sto		A RESIDENCE OF THE PERSON NAMED IN COLUMN 1	The second	
		BLUE BELL IS "	DAIGH	MC 77
Andes	091	RULE BELL 12	NAISI	VU.

BLUE BELL IS "RAISING."

Constructing of Deep Shaft Will Proceed Rapidly.

Raising from the 1,000-foot level for the new three-compartment shaft of the Eagle & Blue Bell company in Tinthe Eagle & Blue Bell company in TinMARKET NOW AND THEN WITH A tic district has just been commenced, it having been necessary to drive several hundred feet on that level to get cheapest, safest way to find out WHEN under the shaft. In driving for that TO SELL purpose the west ore channel of the property was cut, showing a nice body of high-grade silver-lead ore. It is the first time that the west ore channel has been opened in the lower levels, and the result emphasizes the wisdom of sinking the new working

shaft, The shaft is down 275 feet from the surface. With the installing of the new hoist, which is to be shipped from the factory this week, and with both raising and sinking in progress, con-structing of the shaft will be greatly facilitated. The company continues to ship ore to the smelter at the rate of sixteen and eighteen carloads a month

August 4
Via Oregon Short Line. Special low round trip rates to Raymond, Magrath. Cardston and other points. Rates will be announced later. Parties desiring reservations should communicate early with O. S. L. agents. City ticket office 156 Main street.

wherever blowouts occur along this handled. It is expected that the plant will be in operation within two weeks. The lease carries no time limit; it is in force until the entire dump shall have been worked over.

The leasing company is capitalized for \$15,000, divided into 15,000 shares. Its directorate comprises: George R. Raymond, president; Charles H. Jacksson, secretary and treasurer; Frank Merrill, H. E. Keables and H. E. Vance.

SAN FRANCISCO MINING STOCKS.

Wherever blowouts occur along this line hemitite of iron, highly charged with copper, is shown upon the surface, and when it is broken with a hammer it displays the various colors known as black and red oxide, bromide, azurite and green carbonate, which, blended as they are, present, a beautiful picture. A heavy body of altered lime, associated with its dolomite ribs, or intrusions, adds greatly to the value of this zone.

Because of the heavy volcanic action in this district, the early working of the Morgan-Crescent property was not the Morgan-Crescent property was not like sailing over a smooth sea. The frequent faultings at points where shattered conditions created gulches and triangular slopes from the higher crests down to the valley level were questions for serious consideration for a time, requiring careful engineering to overcome. Now, since the mother chimney has been located, President George T. Stenhouse is confident that all material difficulties have been over-come. In this he voices the opinion of your correspondent, who, with more than 20 years' experience in Utah mining, has not examined better conditions anywhere except in fully developed

LOWER MAMMOTH HAS TO ASSESS ONCE MORE

Directors of the Lower Mammoth Mining company at their meeting held yesterday afternoon levied an assessment of 5 cents a share, delinquent August 15, with the sale day set for September 1. The company, after having paid for sinking the shaft to the 2,000-foot level by assessing, and having commenced producing ore, had been hopeful of "pulling through" without calling upon the stockholders for another contribution, but results in the 2,000-foot level have been slower of accomplishment than had been anticipated. The management is confident of ultimate results being all that had been hoped for. Ore ship-ments from the 1,800-foot level are going forward as usual.

LOOK FOR IMPROVEMENT IN EASTERN MARKETS

(Badger Bros. Private Wire.) New York, July 9.—Curb market looks to be in better shape, although a trifle irregular. Nevada Hills sold up to \$2 on traders' buying. Look for gradual improvement.—W. E. Hutton &

Boston, July 9.—The coppers opened quiet and trading during the session was on a limited scale. Price changes were small and insignificant, the market as a whole featureless. The un-dertone, however, is strong. Active dealings were in Lake and North Butte, which are fractionally higher.—Hayden, Stone & Co.

DEVELOPMENT LEASERS TO SHIP. One carload of ore from the jigs and one carload of high-grade lead ore wil be sent out from the East Tintic Development mine within the next few days, says the Eureka Reporter. The ore has been mined by leasers who have been at work at the property since the company discontinued operations a little less than a month ago. The con-signment will no doubt bring the leas-ers a nice profit.

KNIGHT TO MINE AT DRAPER. Mineral rights covering a large quartz blowout just south of Draper have been acquired by Jesse Knight, who, it is said, will inaugurate active mining operations there. Mr. Knight is confident of opening valuable gold deposits in the ground taken over.

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